

ABSTRACT OF THE DISCLOSURE

The invention provides a simulation apparatus by which a problem upon designing can be found in the designing stage on the upstream without imposing an unnecessary working time to a designer. The simulation apparatus includes a working means model information storage section for storing information regarding working means models related to standard part models for working the standard part models, a working means model information extraction section for referring to the working means model information storage section based on information regarding a standard part model arranged in a design model to extract information regarding a working means model to be used to work the standard part model arranged in the design model, and a working simulation execution section for executing a simulation of the working for the standard part model with the working means model based on design information of the design model and the extracted information regarding the working means model, and checks the workability of working for a subject designed in a virtual three-dimensional space on a computer.

5

10

15

20

0000000000